

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 07:33:01 ; Search time 42 Seconds
(without alignments)
1189.961 Million cell updates/sec

Title: US-09-508-745-4

Perfect score: 1009
Sequence: 1 MATPASTPTPTRALVADPVG...LTCAGVALGALVYGAFFPAK 193

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1049977 seqs, 25895539 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubppa/US07_PUBCOMB.pep:*
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- 3: /cgn2_6/ptodata/1/pubppa/US06_NEW_PUB.pep:*
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- 18: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1006	99.7	193	9	US-09-925-674A-9
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3	759	75.2	365	10	US-09-809-371-696
4	759	75.2	365	10	US-09-882-171-696
5	457.5	45.3	179	15	US-10-402-017-6
6	448.5	44.4	199	15	US-10-402-017-8
7	441.5	43.8	219	15	US-10-402-017-10
8	436.5	43.3	219	15	US-10-402-017-12
9	429.5	42.6	233	15	US-10-402-017-4
10	427.5	42.4	233	9	US-09-734-846-2
11	427.5	42.4	233	9	US-09-952-278-6
12	427.5	42.4	233	14	US-10-101-482-14
13	427.5	42.4	233	14	US-10-072-830-14
14	427.5	42.4	233	14	US-10-169-223-10
15	427.5	42.4	233	14	US-10-302-262-2

16	427.5	42.4	233	15	US-10-116-275-171	Sequence 171, App
17	414.5	41.1	152	14	US-10-158-768-2	Sequence 2, Appl
18	411.5	40.8	239	12	US-10-003-632C-10	Sequence 10, Appl
19	411.5	40.8	239	12	US-10-003-632C-13	Sequence 13, Appl
20	411.5	40.8	239	14	US-10-277-693A-10	Sequence 10, Appl
21	409.5	40.6	239	8	US-08-726-211-5	Sequence 5, Appl
22	409.5	40.6	239	12	US-10-003-632C-1	Sequence 1, Appl
23	409.5	40.6	239	12	US-10-003-632C-3	Sequence 3, Appl
24	409.5	40.6	239	14	US-10-101-482-12	Sequence 12, Appl
25	409.5	40.6	239	14	US-10-072-830-2	Sequence 2, Appl
26	409.5	40.6	239	14	US-10-141-618-12	Sequence 12, Appl
27	409.5	40.6	239	14	US-10-053-645A-21	Sequence 21, Appl
28	409.5	40.6	239	15	US-10-387-961A-5	Sequence 5, Appl
29	405	40.1	236	14	US-10-277-693A-11	Sequence 11, Appl
30	400	39.6	212	14	US-10-169-223-14	Sequence 14, Appl
31	378	37.5	190	9	US-09-952-278-2	Sequence 2, Appl
32	374.5	37.1	235	14	US-10-208-155-2	Sequence 1, Appl
33	373	37.0	155	14	US-10-158-769-1	Sequence 2, Appl
34	372.5	36.9	185	9	US-09-864-761-40954	Sequence 40954, A
35	345	34.2	205	8	US-08-726-211-7	Sequence 7, Appl
36	345	34.2	205	9	US-09-952-278-4	Sequence 4, Appl
37	345	34.2	205	12	US-10-003-632C-2	Sequence 2, Appl
38	345	34.2	205	12	US-10-003-632C-11	Sequence 11, Appl
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40	345	34.2	205	15	US-10-387-961A-7	Sequence 7, Appl
41	302	29.9	99	16	US-10-294-445-27	Sequence 27, Appl
42	299	29.6	99	16	US-10-294-445-26	Sequence 26, Appl
43	241	23.9	49	9	US-09-864-761-34213	Sequence 34213, A
44	204	20.2	63	9	US-09-952-278-3	Sequence 3, Appl
45	183	18.1	170	9	US-09-952-278-8	Sequence 8, Appl

ALIGNMENTS

RESULT 1
US-09-925-674A-9
Sequence 9, Application US/09925674A
Patent No. US20020119943A1
GENERAL INFORMATION:
APPLICANT: AMRAD Operations Pty Ltd
TITLE OF INVENTION: A NOVEL MAMMALIAN GENE, bcl-2, BELONGS TO THE bcl-2
TITLE OF INVENTION: FAMILY OF APOPTOSIS-CONTROLLING GENES
FILE REFERENCE: 11686A
CURRENT APPLICATION NUMBER: US/09/925,674A
CURRENT FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 09/925,674
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: P88965
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 193
TYPE: PRT
ORGANISM: Mouse
US-09-925-674A-9

Query Match 99.7%; Score 1006; DB 9; Length 193;
Best Local Similarity 99.5%; Pred. No. 4.3e-101;
Matches 192; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 MATPASTPTPTRALVADPVGKLRQKGYCGAGBGPADPLHQARRAGDEFEFRRT 60
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DB 1 MATPASTPTPTRALVADPVGKLRQKGYCGAGBGPADPLHQARRAGDEFEFRRT 60
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61 FSDLAQLHTVTPSSAQRFTQVSDLEFQGGPMNGRLVAFVFRGALCAVSNKEMEPVG 120
DB 61 FSDLAQLHTVTPSSAQRFTQVSDLEFQGGPMNGRLVAFVFRGALCAVSNKEMEPVG 120
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121 QVDDMVAVYLETFLADMIHSSGGMAEFTALYGDGALFEARRLRREGNMASRYTLTGAVAL 180
DB 121 QVDDMVAVYLETFLADMIHSSGGMAEFTALYGDGALFEARRLRREGNMASRYTLTGAVAL 180

QY 181 GALTVCAGFAASK 193
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RESULT 2

US-09-925-674A-7
; Sequence 7, Application US/09925674A
; Patent No. US20020119943A1
; GENERAL INFORMATION:
; APPLICANT: AMRAD Operations Pty Ltd
; TITLE OF INVENTION: A NOVEL MAMMALIAN GENE, bcl-w, BELONGS TO THE bcl-2
; TITLE OF INVENTION: FAMILY OF APOPTOSIS-CONTROLLING GENES
; FILE REFERENCE: 11686a
; CURRENT APPLICATION NUMBER: US/09/925,674A
; CURRENT FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 09/925,674
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: PM8965
; PRIOR FILING DATE: 1996-03-27
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 193
; TYPE: PRT
; ORGANISM: HUMAN
US-09-925-674A-7

Query Match 99.1%; Score 1000; DB 9; Length 193;
Best Local Similarity 99.0%; Pred. No. 1.9e-100;
Matches 191; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Db 61 FSDLAQLHTVTPGSAOQRFQVSDLEFQGGPNMGRVAFVFGAALCAESVNMKEPVLG 120
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Db 121 QVODMWVAYLETRLADWIHSSGGWAEFTALYGDALBEARLRKGNWASVRYVLTGAVAL 180
QY 181 GALTVCAGFAASK 193
Db 181 GALTVCAGFAASK 193

RESULT 3

US-09-809-391-696
; Sequence 696, Application US/09809391
; Publication No. US20030049618A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P2
; CURRENT APPLICATION NUMBER: US/09/809,391
; CURRENT FILING DATE: 2001-03-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 761
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 696
; LENGTH: 365
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-809-391-696

Query Match 75.2%; Score 759; DB 10; Length 365;
Best Local Similarity 98.6%; Pred. No. 7.6e-74;
Matches 142; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Db 121 QVODMWVAYLETRLADWIHSSGGW 144

RESULT 4

US-09-882-171-696
; Sequence 696, Application US/09882171
; Publication No. US2003015858A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P2
; CURRENT APPLICATION NUMBER: US/09/882,171
; CURRENT FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: 09/809,391
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 09/149,476
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: PCT/US98/04493
; PRIOR FILING DATE: 1998-03-06
; PRIOR APPLICATION NUMBER: 60/040,162
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 PRIOR FILING DATE: 1997-08-22
 PRIOR APPLICATION NUMBER: 60/048,964
 PRIOR FILING DATE: 1997-06-06
 PRIOR APPLICATION NUMBER: 60/057,650
 PRIOR FILING DATE: 1997-09-05
 PRIOR APPLICATION NUMBER: 60/056,884
 PRIOR FILING DATE: 1997-08-22
 PRIOR APPLICATION NUMBER: 60/057,669
 PRIOR FILING DATE: 1997-09-05

Query Match 75.2%; Score 759; DB 10; Length 365;
 Best Local Similarity 98.6%; Pred. No. 7, 6e-74;
 Matches 142; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY	61	PSDLAOLHVTGPSAOORFTQVSDELFOGGGNMGLVAFFVFGALCAESYNKMEPLVG	120
D8	61	PSDLAOLHVTGPSAOORFTQVSDELFOGGGNMGLVAFFVFGALCAESYNKMEPLVG	120
QY	121	QVODMMVAYLETRLADMTHSSGM	144
D8	121	QVODMMVAYLETRLADMTHSSGM	144

RESULT 5
US-10-40

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Sequence 6, Application US/10402017
Publication No. US20030219871A1
GENERAL INFORMATION:
APPLICANT: Barbara ENENKEL, Heiko MEENTS and Martin FUSENBERGER
TITLE OF INVENTION: Host cells having improved survival properties and methods to generate
FILE OF INVENTION: such cells
FILE REFERENCE: Case 1/1314
CURRENT APPLICATION NUMBER: US/10/402.017
CURRENT FILING DATE: 2003-03-28
PRIOR APPLICATION NUMBER: US 60/369,307
PRIOR APPLICATION NUMBER: April 2, 2002
NUMBER OF SEQ ID NOS: 25
SOFTWARE: patentin version 3.1
SEQ ID NO 6
LENGTH: 179
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Deletion mutant of SEQ ID NO:4 (del26-83)
IS-10-402-017-6

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Query Match	45.3%	Score 457.5	DB 15	Length 179
Best Local Similarity	52.0%	Pred. No. 1.8e-41		
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			Gaps 2	
Qy	11	RATVADFFGYTLRKQGYCGAGPGEGPADPLHQMARAGDEFFTRFRPTFSIDLAAQIDHV	70	
Db	6	RELAVDFLSTYLSQKGYMSRA-----AAAVKQILREAGDFEFLRYRRASBDSLTSQIHI	60	
Qy	71	TPGSAQORFTQVSDLEFQGGPNMGRLVAFVFWGAALCAESYNNKEMPLVGQVQDMMVAYL	130	
Db	61	TPGTAOSQFEQVVELFRDGVNMGRIVAFSFGALCVESYDKEMQVILSRIASMWTYLL	120	
Qy	131	ETRLADWTHSSGGMAEFATLLYGDGLLEARRRLRE--GNWASRTYLLTGVALGAL	183	
Db	121	NDLHEPWTQDNGMDTFVELYLGNNNAASRRKQDERFNRMFLTGMVAGVLLGSL	175	

RESULT 6

Sequence 8, Application US/10402017
Publication No. US20030219871A1
GENERAL INFORMATION:
APPLICANT: Barbara ENENKEL, Heiko MEENTS and Martin FUSSENEGGER
TITLE OF INVENTION: Host cells having improved survival properties and methods to generate
TITLE OF INVENTION: such cells
FILE REFERENCE: Case 1/1314
CURRENT APPLICATION NUMBER: US/10/402,017
CURRENT FILING DATE: 2003-03-28
PRIOR APPLICATION NUMBER: US 60/369,307
PRIOR APPLICATION NUMBER: April 2, 2002
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 199
TYPE: PRT
ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: Deletion mutant of SEQ ID NO:4 (del46-83)
US-10-402-017-8

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Query Match	44.4%;	Score 448.5;	DB 15;	Length 199;
Best Local Similarity	47.9%;	Pred. No. 2e-40;		
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			Gaps	2;

[illegible]

RESULT 7
US-10-40

Sequence 10 Application US/10402017
Publication No. US20030219871A1
GENERAL INFORMATION:
APPLICANT: BARBARA ENENKEL, Heiko MEENTJ and Martin FUSSENBERGER
TITLE OF INVENTION: Host Cells Having Improved Survival Properties and methods to generate
TITLE OF INVENTION: such cells
FILE REFERENCE: Case 1/1314
CURRENT APPLICATION NUMBER: US/10/402,017
CURRENT FILING DATE: 2003-03-28
PRIOR APPLICATION NUMBER: US 60/369,307
PRIOR APPLICATION NUMBER: April 2, 2002
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 10
LENGTH: 219
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Deletion mutant of SEQ ID NO:4 (del66-83)
US-10-402-017-10

Query Match	43.8%;	Score 441.5;	DB 15;	Length 219;
Best Local Similarity	43.3%;	Pred. No. 1.3e-39;		
Matches	91;	Conservative	21;	Mismatches 61;
				Indels 37;
				Gaps 2;

QY 1.1 RALVADVGVKTRGXGV-----CGAGGCE 35

Db 6 RELVVDLSTYKLSQGYSMGQFSDVEENRTPEAGTESERETPSAINGNDSWHLADSPAV 65

QY 3.6 GPAADPLHQMRAAGDEEFETFRFRTPSDLSAOLHTVTPGSAQOFRFTQVDELFOGCPWNGR 95

Db 66 AAAAAAVKQALREAGDEFFELRYRRAFSDDLTSQHLITCTGAYQSTEQVYNELFRGVANNGR 125

QY 9.6 LVAFVFEVGAALCAESYVKNEMEPVIGQVODVMVAVLYETRLADWHSGGMAEFTALYGDGA 155

Db 12.6 IVAFFSGGALCYVESVDKEMQVLYSRILASMMATVLYNDLHEPWIGDNGGMDTFVELYGNNA 185

QY 15.6 LEEARLRLE--GNWASVTVLTGAVALGAL 183

Db 18.6 AAEERKQGERFNRFWLTGMTAVAGVLLGSL 215

RESULT 8

US-10-402-017-12
; Sequence 12, Application US/10402017
; Publication No. US20030219871A1

GENERAL INFORMATION:
APPLICANT: Barbara ENKENEL, Heiko MEENTS and Martin FUSSENERGER
TITLE OF INVENTION: Host cells having improved survival properties and methods to get
FILE REFERENCE: Case 1/1314
CURRENT APPLICATION NUMBER: US/10/402,017
CURRENT FILING DATE: 2003-03-28
PRIOR APPLICATION NUMBER: US 60/369,307
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 219
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Deletion mutant of SEQ ID NO:4 (del26-83)
US-10-402-017-12

Query Match 43.3%; Score 436.5; DB 15; Length 219;
Best Local Similarity 44.1%; Pred. No. 4,7e-39;
Matches 93; Conservative 22; Mismatches 57; Indels 39; Gaps 4;

11 RALVADPVGKLRQKGY-----VCGAPRGSPAD-- 40
6 RELVDFLSYKLSQKGYSMQSFSDVEENRTAEDEGESERAAAAVNGA-TGSSSLDAR 64
41 -----PLHQAMRAAGDEFETRRRTFSDLAQLHVTGSAOQRFQVSDDELFGGPNWG 94
65 EVIPMAAVQALREADDEFELRRRAFSDLTSLQHTTPGTAYSFEGVNNELTRDGVNWG 124
95 RLVAFFVFGAALCAESVNNKEMEPVGVQVDMVAVYETRLADWIHSSGMAEFTALYDGG 154
125 RIVAFPSFGALCVESVDKEMQVLVSRIASMAATYINDHLEPWIIONGCMDFEVLGYNN 184
155 ALEEARLRE--GNMASVRTVLGVALGAL 183
185 AAASRKGQERFNRWFLTGMTAVGVLGSL 215

RESULT 9
US-10-402-017-4
Sequence 4, Application US/10402017
Publication No. US20030219871A1
GENERAL INFORMATION:
APPLICANT: Barbara ENKENEL, Heiko MEENTS and Martin FUSSENERGER
TITLE OF INVENTION: Host cells having improved survival properties and methods to get
FILE REFERENCE: Case 1/1314
CURRENT APPLICATION NUMBER: US/10/402,017
CURRENT FILING DATE: 2003-03-28
PRIOR APPLICATION NUMBER: US 60/369,307
PRIOR APPLICATION NUMBER: April 2, 2002
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 233
TYPE: PRT
ORGANISM: Cricetus griseus
US-10-402-017-4

Query Match 42.6%; Score 429.5; DB 15; Length 233;
Best Local Similarity 41.3%; Pred. No. 2,9e-38;
Matches 93; Conservative 22; Mismatches 57; Indels 53; Gaps 4;

11 RALVADPVGKLRQKGY-----V 28
6 RELVDFLSYKLSQKGYSMQSFSDVEENRTAEDEGESERETPSAINGNPSMHLADSPAV 65
29 CGAGPREGPAAD-----PLHQAMRAAGDEFETRRRTFSDLAQLHVTGSAOQRF 80
66 NGA-TGSSSLDARREVIPMAAVQALREADDEFELRRRAFSDLTSLQHTTPGTAIOSFE 124

QY 81 QVSDLEFQGGPNWGRVAFVFGAALCAESVNNKEMEPVGVQVDMVAVYETRLADWIHS 140
DB 125 QVNNELFRGVNNGRIVAFPSFGALCVESVDKEMQVLVSRIASMAATYINDHLEPWIQD 184
QY 141 SGGMAEFTALYDGALEEARLRE--GNMASVRTVLGVALGAL 183
DB 185 NGCMDFEVLGYNNAAASRKGQERFNRWFLTGMTAVGVLGSL 229

RESULT 10
US-09-734-846-2
Sequence 2, Application US/09734846
Patent No. US2001007025A1
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Montia, Brett P.
APPLICANT: Nickloff, Brian J.
APPLICANT: Zhang, Qingqing
TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
FILE REFERENCE: ISPH-0528
CURRENT APPLICATION NUMBER: US/09/734,846
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 09/277,020
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 09/167,921
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 09/323,743
PRIOR FILING DATE: 1999-06-02
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 233
TYPE: PRT
ORGANISM: Homo sapiens
US-09-734-846-2

Query Match 42.4%; Score 427.5; DB 9; Length 233;
Best Local Similarity 40.6%; Pred. No. 4,8e-38;
Matches 91; Conservative 23; Mismatches 59; Indels 51; Gaps 4;

11 RALVADPVGKLRQKGY-----VCGAPR-----GEGPAA 39
6 RELVDFLSYKLSQKGYSMQSFSDVEENRTAEDEGESERETPSAINGNPSMHLADSPAV 65
40 D-----PLHQAMRAAGDEFETRRRTFSDLAQLHVTGSAOQRF 81
66 NGATASSSLDAREVTPMAAVQALREADDEFELRRRAFSDLTSLQHTTPGTAIOSFEQ 125
QY 82 VSDLEFQGGPNWGRVAFVFGAALCAESVNNKEMEPVGVQVDMVAVYETRLADWIHS 141
DB 126 VNNELFRDGVNNGRIVAFPSFGALCVESVDKEMQVLVSRIASMAATYINDHLEPWIQEN 185
QY 142 GGMAEFTALYDGALEEARLRE--GNMASVRTVLGVALGAL 183
DB 186 GGMDFEVLGYNNAAASRKGQERFNRWFLTGMTAVGVLGSL 229

RESULT 11
US-09-952-278-6
Sequence 6, Application US/09952278
Patent No. US20020137182A1
GENERAL INFORMATION:
APPLICANT: Thompson, Craig B.
Boise, Lawrence H.
TITLE OF INVENTION: Vertebrate Apoptosis Gene:
Compositions and Methods
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: 321 No. US20020137182A1th Clark Street, Suite 800
CITY: Chicago
STATE: IL

COUNTRY: USA
ZIP: 60610
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/952,278
FILING DATE: 12-Sep-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/081,448
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020137182A1thrup, Thomas E.
REGISTRATION NUMBER: 33,268
REFERENCE/DOCKET NUMBER: ARCD090
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-744-0090
TELEFAX: 312-755-4489
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 233 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-952-278-6

Query Match 42.4%; Score 427.5; DB 9; Length 233;
Best Local Similarity 40.6%; Pred. No. 4.8e-38;
Matches 91; Conservative 23; Mismatches 59; Indels 51; Gaps 4;
QY 11 RALVADPVGKLRKQKX-----VCAGP-----GEGPAA 39
DB 6 RELVADPFLSKLQKQKGSQFSVDVEENRTAEDEGTESEMETPSAINGNPSWHLADSPAV 65
QY 40 D-----PLHQAMRAAGDEFEFRFRFTSDLAQLHTVPGSAOQRFQ 81
DB 66 NGATAHSSSLDAREVTPMAAVKQALREAGDEFEFRFRFTSDLAQLHTVPGSAOQRFQ 125
QY 82 VSDLEFGGPNKGRVLAFFVFGAALCAESVKNKEPELVGVQVDMVAVYETRLADWTHSS 141
DB 126 VVNELEFRDGVNMGRIIVAFPSFGALCVESVDKEMQVLSRIAMMATYLDHLEPWIOEN 185
QY 142 GGAFFALYGDGALBEARLRE--GNMASVATVLTGAVLGL 183
DB 186 GMDTFVELYGNMAAESRKQERFNRWFLTGMTVAGVLLGSL 229

RESULT 12
US-10-101-482-14
Sequence 14, Application US/10101482
Publication No. US2003008837A1
GENERAL INFORMATION:
APPLICANT: KIEFER, MICHAEL C.
BARR, PHILIP J.
TITLE OF INVENTION: NOVEL APOPTOSIS-MODULATING PROTEINS, DNA
ENCODING THE PROTEINS AND METHODS OF USE THEREOF
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESSES:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/101,482
FILING DATE: 18-Mar-2002
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/320,157
FILING DATE: 07-Oct-1994
ATTORNEY/AGENT INFORMATION:
NAME: LEHNHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 23647-20007.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 233 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-101-482-14

Query Match 42.4%; Score 427.5; DB 14; Length 233;
Best Local Similarity 41.3%; Pred. No. 4.8e-38;
Matches 93; Conservative 22; Mismatches 57; Indels 53; Gaps 4;
QY 11 RALVADPVGKLRKQKX-----V 28
DB 6 RELVADPFLSKLQKQKGSQFSVDVEENRTAEDEGTESEMETPSAINGNPSWHLADSPAV 65
QY 29 CGAPGEGPAAAD-----PLHQAMRAAGDEFEFRFRFTSDLAQLHTVPGSAOQRFQ 80
DB 66 NGA-TGHSSSLDAREVTPMAAVKQALREAGDEFEFRFRFTSDLAQLHTVPGSAOQRFQ 124
QY 81 QVSDLEFGGPNKGRVLAFFVFGAALCAESVKNKEPELVGVQVDMVAVYETRLADWTHSS 140
DB 125 QVNELEFRDGVNMGRIIVAFPSFGALCVESVDKEMQVLSRIAMMATYLDHLEPWIOEN 184
QY 141 SGMAFFALYGDGALBEARLRE--GNMASVATVLTGAVLGL 183
DB 185 NGMDTFVELYGNMAAESRKQERFNRWFLTGMTVAGVLLGSL 229

RESULT 13
US-10-072-830-4
Sequence 4, Application US/10072830
Publication No. US20030103945A1
GENERAL INFORMATION:
APPLICANT: CHEN, DONG FENG
APPLICANT: HUANG, XIZHONG
APPLICANT: CHEN, GUANG
APPLICANT: MANJIT, HUSSEINT K.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING AXON
REGENERATION AND PREVENTING NEURONAL CELL DEGENERATION
FILE REFERENCE: ERM-105.01
CURRENT APPLICATION NUMBER: US/10/072,830
PRIORITY FILING DATE: 2002-02-08
PRIORITY FILING DATE: 2001-02-09
PRIORITY FILING DATE: 2001-02-09
PRIORITY FILING DATE: 2001-03-01
PRIORITY FILING DATE: 2001-03-01
PRIORITY FILING DATE: 2001-05-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
LENGTH: 233
TYPE: PRT
ORGANISM: Homo sapiens
US-10-072-830-4

	Query Match	42.4%;	Score 427.5;	DB 14;	Length 233;
	Best Local Similarity	40.6%;	Pred. No. 4.8e-38;		
	Matches	91;	Conservative	23;	Mismatches 59; Indels 51; Gaps 4
QY	11 PALVADPVGYKLRQKY-----VCGAP---GEPPA 39				
Db	6 RELVDVFLSYLDSKKGYSMQSOFSDVEENRTEAPECTESEMETPSAINGPSWHLADSPAV 65				
QY	40 D-----PLHQAARAAGDEFEETRFRFPSTSLAQLVHTPGSAOORFPO 81				
Db	66 NGATIHSSSLDAREVIIPMAAYKQALREAGDEBELRYRAFSLSLTQLHTTPTAIASDFQ 125				
QY	82 VSDELFOGGPNWGRIVAEFVGAAICAESVNKEMEPVGVQVDMVVAYLETRIADMHS 141				
Db	126 VVNLFFPDGVNMGRIIVAFESFGCALCVESVDKEMQVLRSRIAMMATYLNDILHEPMIOEN 185				
QY	142 GGMAEFTLYGDGALEEARRLE--GNNAASRTVTYTGVALGAL 183				
Db	186 GGMOTPEVELIYNANNAAESRKGOERRNRNFLGTMTAGVALLASL 229				

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RESULT 14
US-10-169-223-10
; Sequence 10, Application US/10169223
; Publication No. US20030152946A1
; GENERAL INFORMATION:
; APPLICANT: SHIMIZU, Shigeomi
; APPLICANT: TSUJIMOTO, Yoshihide
; TITLE OF INVENTION: BH4-Fused Polypeptides
; FILE REFERENCE: 1422-0537P
; CURRENT APPLICATION NUMBER: US/10/169,223
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: JP 11-371449
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: PCT/J000/09274
; PRIOR FILING DATE: 2000-12-26
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 233
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-169-223-10

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	Query Match	42.4%	Score 427.5	DB 14	Length 233
	Best Local Similarity	40.6%	Pred. No. 4.8e-38		
	Matches	91	Conservative	23	Mismatches 59; Indels 51; Gaps 4
QY	11	PALVADPVGKYLKQKY-----	-VCGAGP----	GEGPAA	39
Db	6	RELTVDDFLSTYKLSQKGYSMQSF	DVEENRTEAPGEGTESEMTPSA	INGNPWHLDSPAY	65
		40 D-----	PLHQAMRAAGDEFRFRFRPSPLA	QHLHTPSSAQCRFQ	81
Db	66	NGATTAHSSSLDAREVYIPMAA	VKAQALREAGDELELYRRPS	LSLTQALHTPGTAQSFQ	125
QY	82	VSDLEFQGGPNMGRVIAVF	FGAALCAESVNMKEMPLVQ	VDNMVAVYLETRLADMISS	141
Db	126	VVNELEFRDGVNMGRIVAF	FSFGALCVESVDKEMQVL	VSRIAMATYTLNDHLEPIQGN	185
QY	142	GGMAEFPLTYGDGALAEAR	RLRE--GNMASVRTVL	TGAVALLGAL	183
Db	186	GGWPTFVELYGNNAAESR	KQDERPNRNF	LTGMTAGVLLGSL	229

RESULT 15
US-10-302-262-2
Sequence 2, Application US/10302262C
Publication No. US20030191300A1
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett P.

```

1  APPLICANT: Nickoloff, Brian J.
2  APPLICANT: Zhang, Qinqing
3  TITLE OR INVENTION: Antisense Modulation of bcl-x Expression
4  FILE REFERENCE: ISPH-0528
5  CURRENT APPLICATION NUMBER: US/10/302,262
6  CURRENT FILING DATE: 2002-11-21
7  PRIOR APPLICATION NUMBER: US/09/734,846
8  PRIOR FILING DATE: 2000-12-12
9  PRIOR APPLICATION NUMBER: 09/277,020
10 PRIOR FILING DATE: 1998-03-26
11 PRIOR APPLICATION NUMBER: 09/167,921
12 PRIOR FILING DATE: 1998-10-07
13 PRIOR APPLICATION NUMBER: 09/323,743
14 PRIOR FILING DATE: 1999-06-02
15 NUMBER OF SEQ ID NOS: 74
16 SOFTWARE: PatentIn Ver. 2.0
17 SEQ ID NO 2
18 LENGTH: 233
19 TYPE: PRT
20 ORGANISM: Homo sapiens
21 US-10-302-262-2

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	Query Match	Similarity	42.4%	Score	427.5	DB	14	Length	233	
	Best Local	Similarity	40.6%	Pred.	No. 4,98-38					
	Matches	91;	Conservative	23;	Mismatches	59;	Indels	51;	Gaps	4;
Oy	11 PALVADFGYKLRQGY-----VCGAGP---GECPAA	39								
Dd	6 RELVVDELSTYKLSSQKGYSWSPDVEENRTPEARPGTESEMETPSAINGNPNMHLADISPAV	65								
Oy	40 D-----PLHQMRAGAAGEPFETRFRPTFSFDLLAOIHWVTGSAAOORFTQ	81								
Dd	66 NGATAHSSSLDARKVITPMIAVKQLRKAAGDFEELRYRAPBSDLTSQLHITGTAYQSDEQ	125								
Oy	82 VSDLEFOGGPWMLVAFFVFGAALCAESYNKKMEPIVGVOQDMVMVALYETRLADIHS	141								
Dd	126 VNVELFPRDGWNMGIVAFPFSGFGLCVESVDKEMQVLVSRIAMMATYLNDLHPETOEN	185								
Oy	142 GGMAEFNALYGDALEEARRLRE--GNMASRVTLTGAVALLGL	183								
Dd	186 GGMTEFEELLIGNNAASRKQEERFNMFILTKMTLVAGVLLGSTL	229								

Search completed: March 18, 2004, 07:38:51
Job time : 44 secs

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